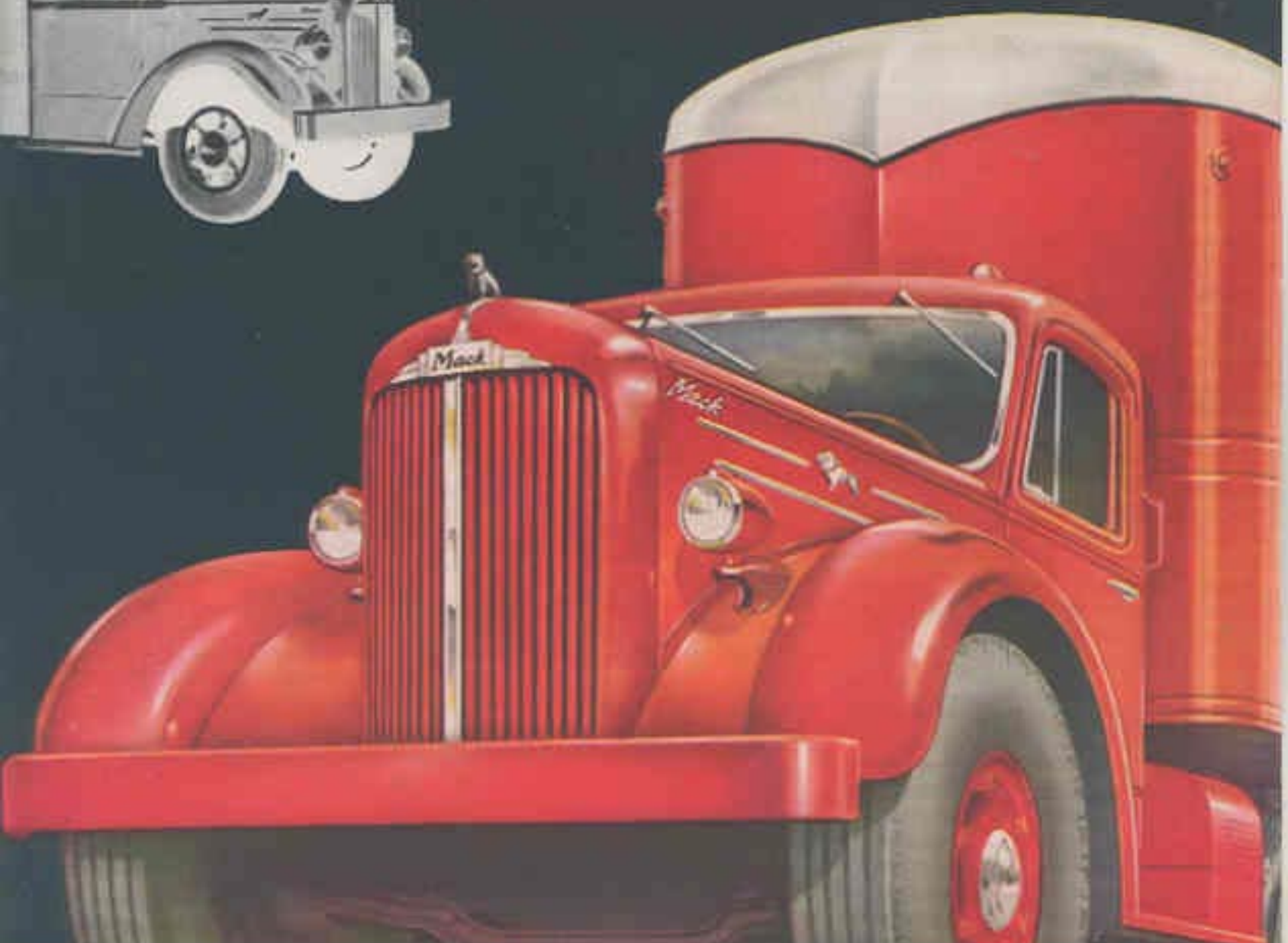


MACK *A*-40

truck or tractor

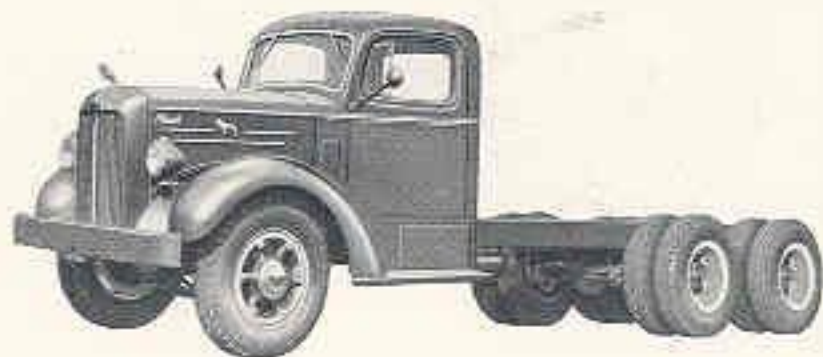


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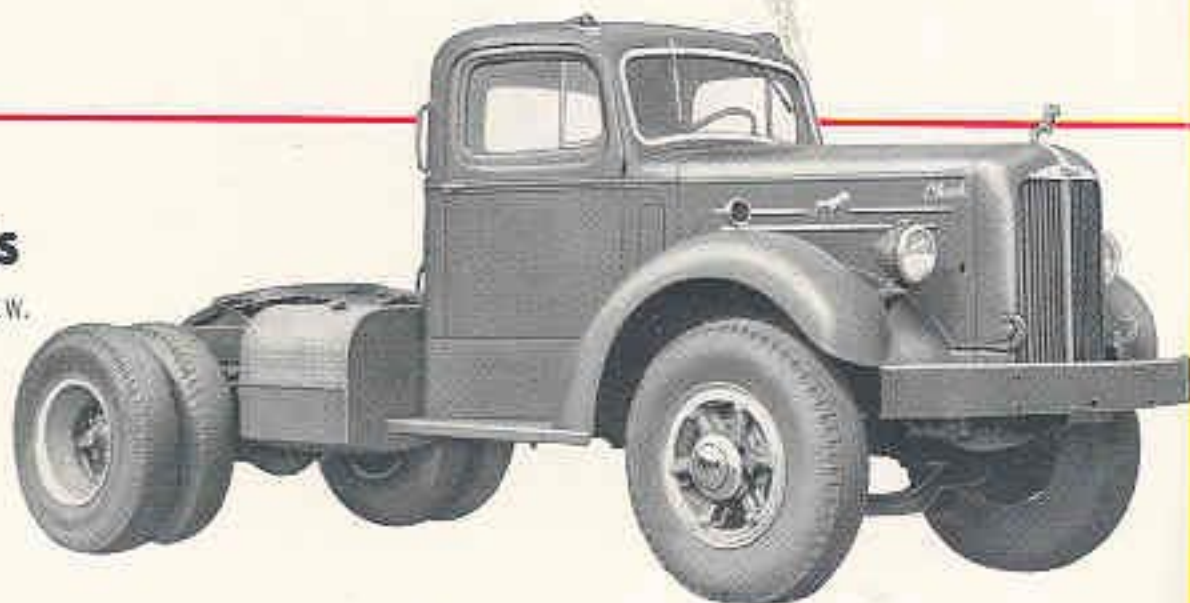
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model **A40**



**truck or tractor
four or six wheels**

24,000 lbs. g.v.w. to 40,000 lbs. g.c.w.



built better...to stand up better in



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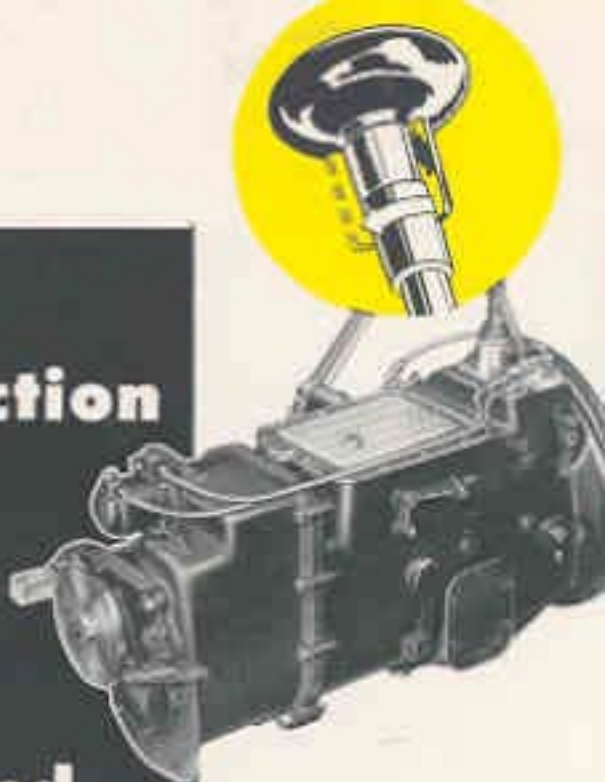


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Mack quality construction

Shows

in every inch and pound...



Handsomely appointed cab has adjustable driver's seat, Foam rubber cushion, No-draft, wing-type ventilators. New instrument panel with all controls scientifically positioned for greater visibility and convenience. Built-in ash tray and cigarette lighter.

Dual reduction axle and air brakes illustrated are optional.

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Mack Model A-40 brings you features of ruggedness and economy formerly available only in larger Mack models. Engineered in the high-quality Mack tradition, it is especially adapted to tractor-trailer operation in big-mileage, over-the-road hauling; gives you assurance of round-the-clock dependability, longer trouble-free life, sustained earning power and rock-bottom maintenance costs.

Throughout the entire chassis, Mack's better construction shows in every part. Model A-40 is powered by the sensational new *Magnadyne* engine of 377 cubic inch displacement, designed especially to operate with maximum efficiency at a modern high-compression ratio and to deliver the utmost power from present-day fuels. Clutches, transmissions, rear axles, are uniformly rugged, perfectly balanced... replete with exclusive features that resist the wear and tear of high-mileage, high-speed hauling.

Outwardly, the inner quality of Model A-40 reveals itself in distinctive functional styling. This new Mack is designed to wear well... styled to retain its handsome appearance throughout a long and useful life.

hard-working, day-in, day-out service



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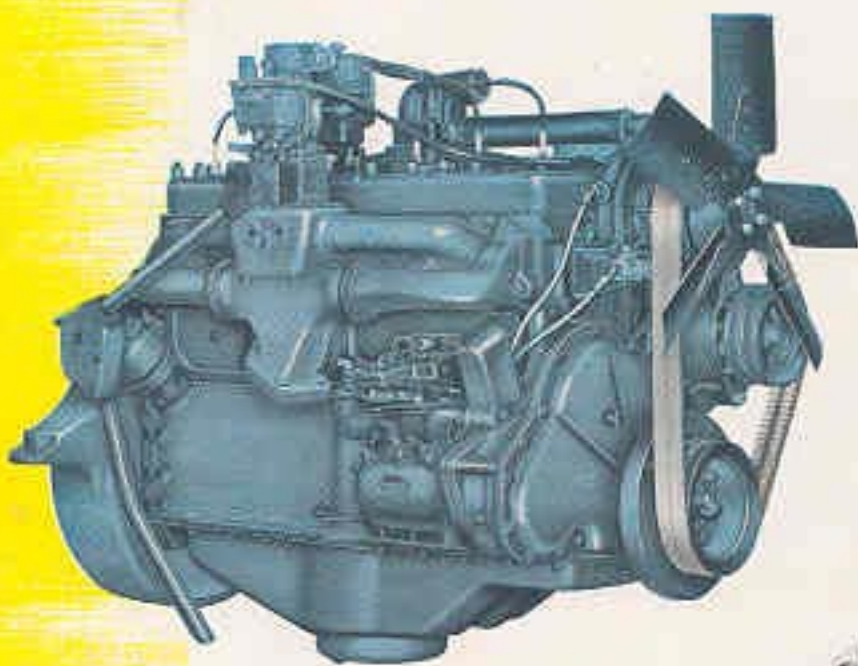


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Magnadyne Power

**A BIG ADVANCE
IN TRUCK
ENGINE DESIGN**

MACK BUILT... IN MACK FACTORIES FOR MACK TRUCKS



For smooth even running, longer bearing life, the large, seven-bearing crankshaft, electrically case-hardened, is fully counterbalanced by 12 integrally forged counterweights.



Improved cooling and extended valve life is achieved through Mack's exclusive system of jet-directed water flow, whereby incoming cool water is distributed directly and individually to each of the exhaust valve seat jackets.



Increased life of exhaust manifolds through prevention of burning and warping is secured through the use of heat-resistant aluminum iron. Three-piece, slip-joint construction permits expansion without setting up stresses.

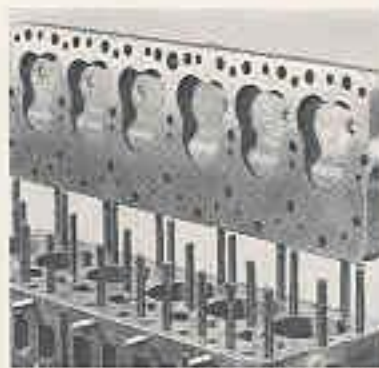


Easily removable connecting rods are of angle split type; provide greater strength and stiffness than conventional types.

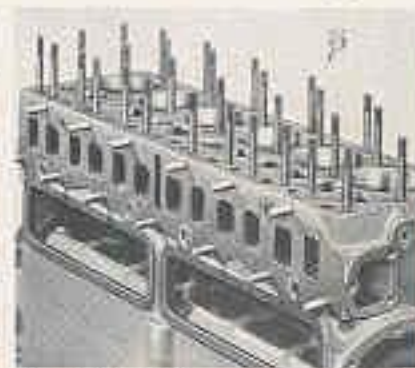
Long-lasting economy under today's more stringent demands. Maximum efficiency at modern, high-compression pressures. Utmost power from present-day fuels. You get them all in the Magnadyne engine—because this great new powerplant is designed especially for high-speed power needs... packed with exclusive features that contribute to more efficient combustion; improved cooling; longer engine life and sustained high performance.



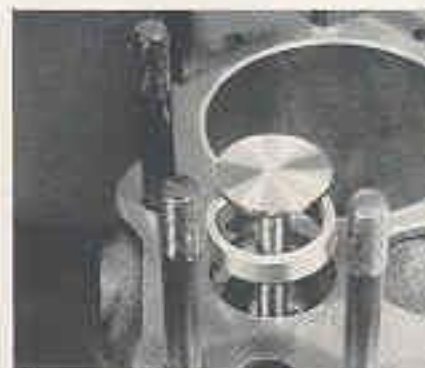
Timing gears with unlimited life, permanently quiet and accurate, are the result of Mack's exclusive process of case-hardening the gears and imparting final finish by generator grinding.



Improved spark plug position is typical of advanced combustion chamber design for higher power output and smooth, knockless combustion.



Plentiful hold-down studs—32 in all—more than are used in other makes—retain the one-piece cylinder head; provide uniform distribution of pressure; greatly increase gasket life.



Permanently firm in their pockets, exhaust valve seat inserts are of Mack's exclusive NiFerrite alloy, faced with Stellite. Exhaust valves, too, are faced with hard alloy and are sodium-cooled. Lifters in, too, incorporate a positive rotating mechanism which adds greatly to their service life between grinds.

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